

Sequence Listing

<110> Genentech, Inc.
Shen, Ben-Quan
Zioncheck, Thomas

5 <120> MODULATION OF eNOS ACTIVITY AND THERAPEUTIC USES THEREOF

<130> P1735R1PCT

<150> US 60/163,132

<151> 1999-11-02

<160> 4

10

<210> 1

<211> 57

<212> DNA

<213> Artificial

<220>

<221> Misc_feature

<222> 1-57

<223> Sequence is synthesized.

<220>

<221> unsure

<222> 19, 20, 21, 28, 29, 30, 31, 32, 33, 40, 41, 42

<223> N at indicated positions may be G, A, T or C; S at indicated positions may be C or G

<400> 1

cacgaagtgg tgaagttcnn sgatgtcnns nnsccgcagcn nstgccatcc 50

aatcgag 57

<210> 2

<211> 42

<212> DNA

<213> Artificial

30

<220>

<221> Misc_feature

<222> 1-42

<223> Sequence is synthesized.

<220>

<221> unsure

<222> 16, 17, 18, 22, 23, 24, 25, 26, 27

<223> N at indicated positions may be G, A, T or C; S at indicated positions may be C or G

<400> 2

gggggctgct gcaatnnsa gnnsnnsag tgtgtgccca ct 42

40

<210> 3

<211> 990

<212> DNA

<213> Homo sapiens

45

<400> 3

cagtgtgctg gcgggccggc gcgagccggc ccggccccgg tcgggcctcc 50

gaaaccatga actttctgct gtcttggtg cattggagcc tcgccttgct 100

AL

gctctacctc caccatgcc aagtgggtccca ggctgcaccc atggcagaag 150
 gaggagggca gaatcatcac gaagtgggtga agttcatgga tgtctatcag 200
 cgcagctact gccatccaat cgagaccctg gtggacatct tccaggagta 250
 ccctgatgag atcgagtaca tcttcaagcc atcctgtgtg cccctgatgc 300
 5 gatgcggggg ctgctgcaat gacgagggcc tggagtgtgt gccactgag 350
 gagtccaaca tcaccatgca gattatgcgg atcaaacctc accaaggcca 400
 gcacatagga gagatgagct tcttacagca caacaaatgt gaatgcagac 450
 caaagaaaga tagagcaaga caagaaaatc cctgtggggc ttgctcagag 500
 cggagaaaagc atttgtttgt acaagatccg cagacgtgta aatgttcctg 550
 10 caaaaacaca gactcgcgtt gcaaggcgag gcagcttgag ttaaacgaac 600
 gtacttgag atgtgacaag ccgaggcggt gagccgggca ggaggaagga 650
 gcctccctca gggtttcggg aaccagatct ctcaccagga aagactgata 700
 cagaacgac gatacagaaa ccacgctgcc gccaccacac catcaccatc 750
 gacagaacag tccttaatcc agaaacctga aatgaaggaa gaggagactc 800
 5 tgcgcagagc actttgggtc cggaggcgga gactccggcg gaagcattcc 850
 cgggcgggtg acccagcacg gtccctcttg gaattggatt cgccatttta 900
 ttttcttg tgctaaatca ccgagcccgg aagattagag agttttattt 950
 ctgggattcc tgtagacaca ccgcggccgc cagcacactg 990

<210> 4
 <211> 191
 <212> PRT
 <213> Homo sapiens

<400> 4

25 Met Val Phe Leu Leu Ser Trp Val His Trp Ser Leu Ala Leu Leu
 1 5 10 15
 Leu Tyr Leu His His Ala Lys Trp Ser Gln Ala Ala Pro Met Ala
 20 25 30
 Glu Gly Gly Gly Gln Asn His His Glu Val Val Lys Phe Met Asp
 35 40 45
 30 Val Tyr Gln Arg Ser Tyr Cys His Pro Ile Glu Thr Leu Val Asp
 50 55 60
 Ile Phe Gln Glu Tyr Pro Asp Glu Ile Glu Tyr Ile Phe Lys Pro
 65 70 75
 35 Ser Cys Val Pro Leu Met Arg Cys Gly Gly Cys Cys Asn Asp Glu
 80 85 90
 Gly Leu Glu Cys Val Pro Thr Glu Glu Ser Asn Ile Thr Met Gln
 95 100 105
 Ile Met Arg Ile Lys Pro His Gln Gly Gln His Ile Gly Glu Met
 110 115 120

47

P1735R1

PCT 25

00/30294

09-700,806

Ser Phe Leu Gln His Asn Lys Cys Glu Cys Arg Pro Lys Lys Asp
125 130 135

Arg Ala Arg Gln Glu Asn Pro Cys Gly Pro Cys Ser Glu Arg Arg
140 145 150

5 Lys His Leu Phe Val Gln Asp Pro Gln Thr Cys Lys Cys Ser Cys
155 160 165

Lys Asn Thr Asp Ser Arg Cys Lys Ala Arg Gln Leu Glu Leu Asn
170 175 180

10 Glu Arg Thr Cys Arg Cys Asp Lys Pro Arg Arg
185 190

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78